

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 33377.1.1	ID. B-4009	COUNTY ANSON	GEOLOGIST TODD R.W.
SITE DESCRIPTION BRIDGE NO. 33 OVER BROWN CREEK ON US 74 WBL			GROUND WATER
BORING NO. B9-A	BORING LOCATION 39+56.50	OFFSET -8.00	ALIGNMENT L
COLLAR ELEVATION 244.30	NORTHING 456973.9329	EASTING 1644933.8412	0 HR.
TOTAL DEPTH 38.4	DRILL MACHINE CME-550X	DRILL METHOD NWCAS/NXWL	HAMMER TYPE AUTOMATIC
START DATE 3/21/05	COMPLETION DATE 3/21/05	SURFACE WATER DEPTH	DEPTH TO ROCK 18.5

ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
				0	25	50	75	100			
244.30		0.5	0.5	0.5							(ALLUVIUM) BRN V. SOFT TO SOFT F. SANDY SILTY CLAY (A-6) W/QTZ. GRAVEL
240.00											
235.00	10.7	7	7	9							W
230.00	15.7	16	100								SS-70 SAT
225.00	18.5	18	100	0.4							D
220.00	20.7			0.5							CORE1
215.00	25.5										CORE2
210.00	30.2										RS-13
205.00	35										CORE3
200.00											CORE4
195.00											CORE5
190.00											
185.00											
180.00											
175.00											
170.00											
165.00											

TERMINATED BORING AT ELEV. 205.90 IN SLI. WEATH. MOD. HARD SANDSTONE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 GEOTECHNICAL UNIT CORE BORING REPORT

SHEET 38 OF 70

PROJECT NO: 33377.1.1	PROJECT ID: B-4009	COUNTY: ANSON	GEOLOGIST: R.W. TODD
SITE DESCRIPTION: BRIDGE NO. 33 ON US 74 OVER BROWN CREEK	BORING LOCATION (STA): 39+56.50 -L-	DRILLER:	OFFSET: 8.00' LT.
BORING NO: B9-A	PERSONNEL:	CORE SIZE: NXWL	DATE STARTED: 03/21/05
COLLAR ELEV: 244.30'	DRILL MACHINE: CME-550	DATE COMPLETED: 03/21/05	
TOTAL DEPTH: 38.40'	DRILL EQUIP:		
TOTAL RUN: 19.90'			

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
225.80	18.50		1	100	00		RED/BRN., MOD. WEATH., SOFT TO MED. HARD, MUDSTONE. FS = THIN
223.60	20.70		2	100	88	RS-13	RED TO GRAY, SLI. WEATH., MOD. HARD, SANDSTONE. FS = THIN TO THICK
218.80	25.50		3	100	100		RED TO GRAY, SLI. WEATH., MOD. HARD, SANDSTONE. FS = THICK
214.10	30.20		4	98	89		RED TO GRAY, SLI. WEATH., MOD. HARD, SANDSTONE. FS = THIN TO THICK
209.30	35.00		5	100	100		RED TO GRAY, SLI. WEATH., MOD. HARD, SANDSTONE.
205.90	38.40						FS = THICK
NOTES GOOD WATER RETURN TO 34.00' BELOW COLLAR ELEVATION. LOST WATER RETURN FOR REMAINDER OF BORING.							